

Fig. 1

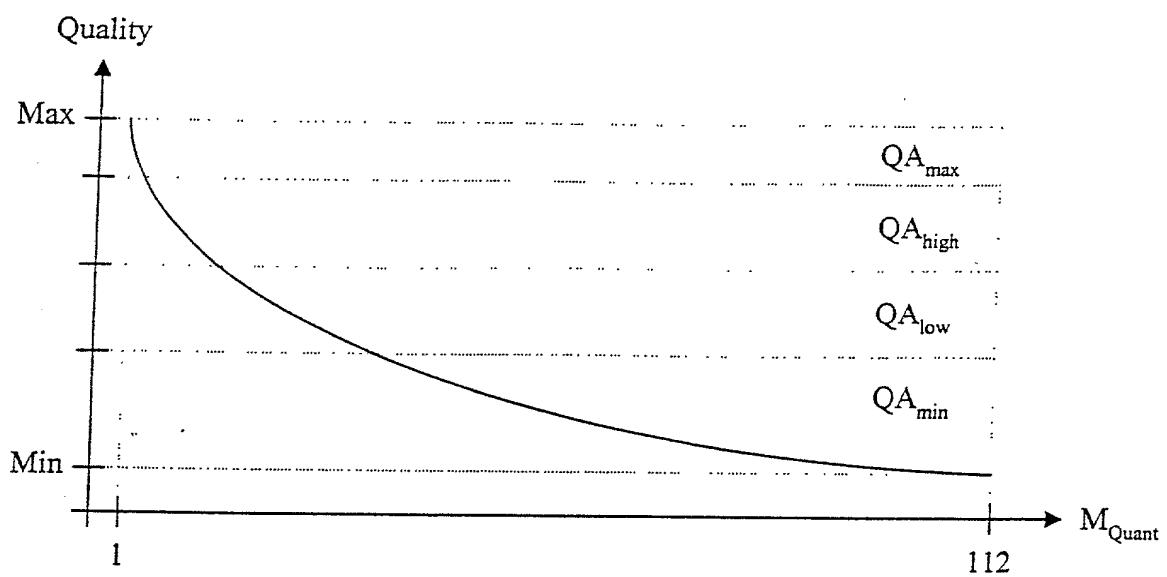


Fig. 2

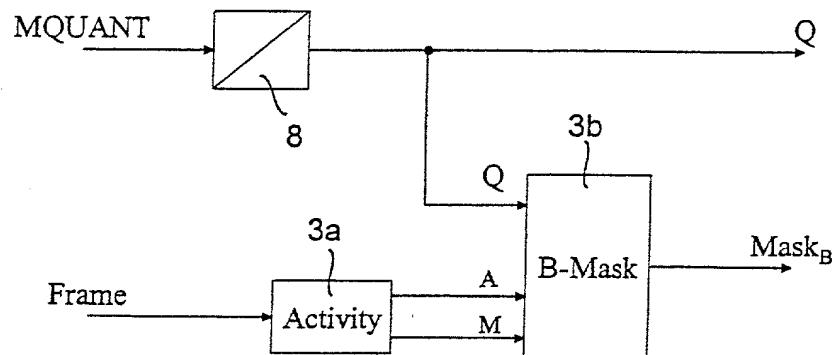


Fig. 3

 ~ 2

Fig. 3

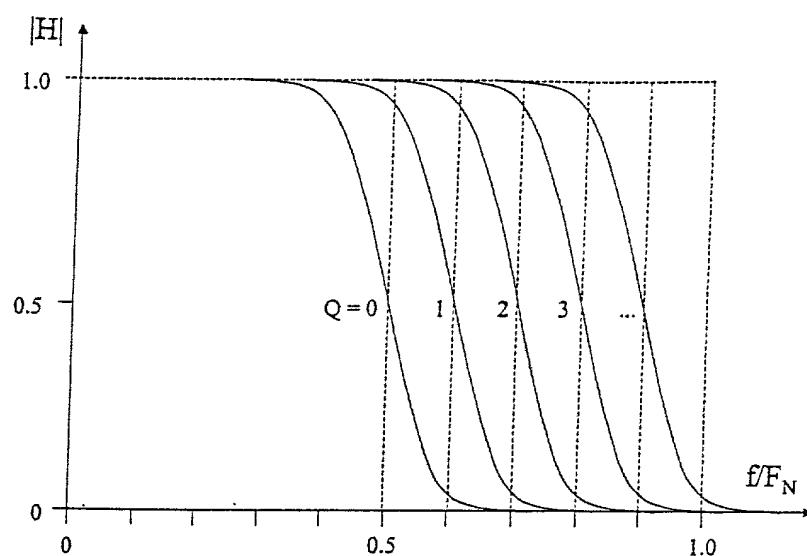


Fig. 4

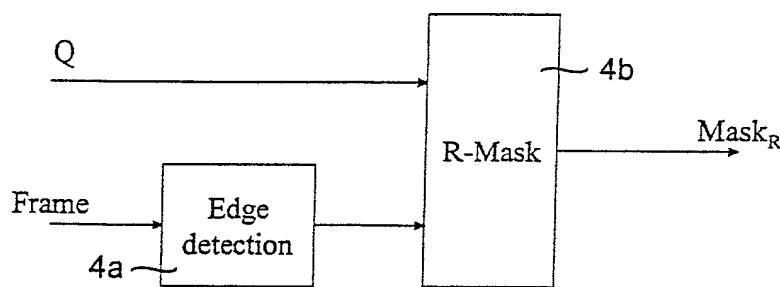


Fig. 5

for QA_{min} , QA_{low} and QA_{high} for QA_{max}

$$\text{Filter} = \begin{array}{|c|c|c|} \hline 1 & 2 & 1 \\ \hline 2 & W & 2 \\ \hline 1 & 2 & 1 \\ \hline \end{array}$$

$$\text{Filter} = \begin{array}{|c|c|c|} \hline 0 & 0 & 0 \\ \hline 0 & 1 & 0 \\ \hline 0 & 0 & 0 \\ \hline \end{array}$$

$$W = \begin{cases} 4 & ; \text{for } QA_{min} \\ 8 & ; \text{for } QA_{low} \\ 16 & ; \text{for } QA_{high} \end{cases}$$

Fig. 6

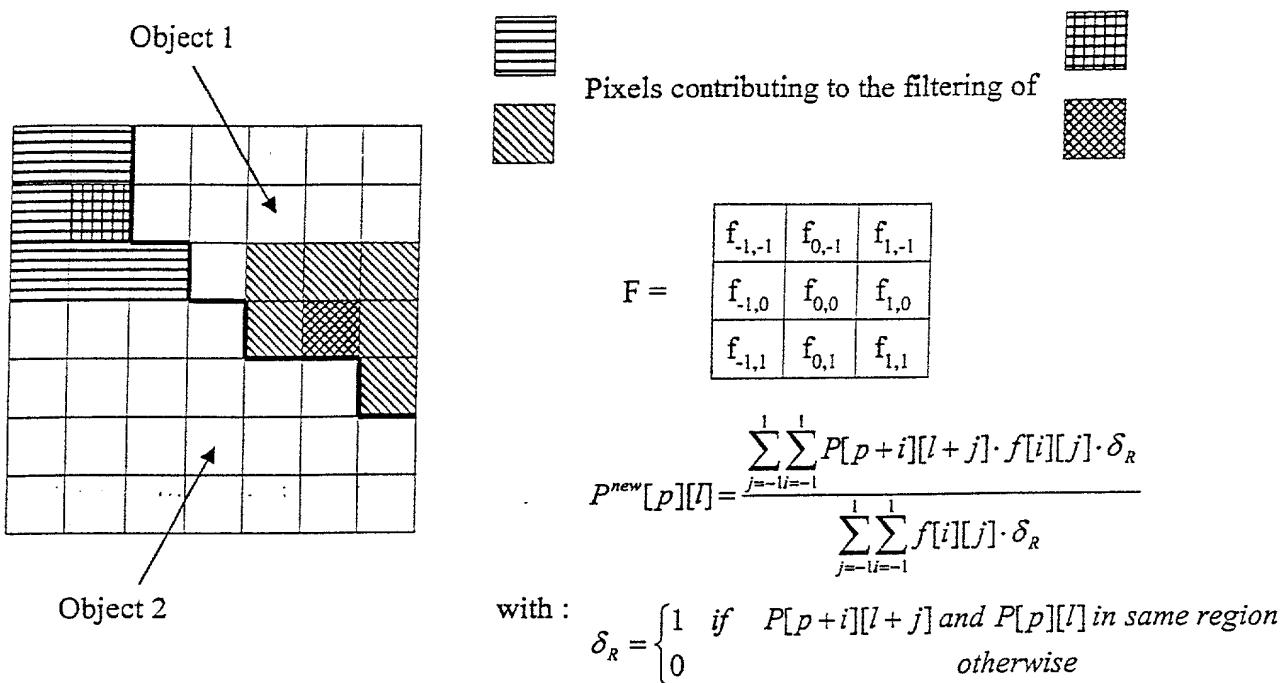


Fig. 7

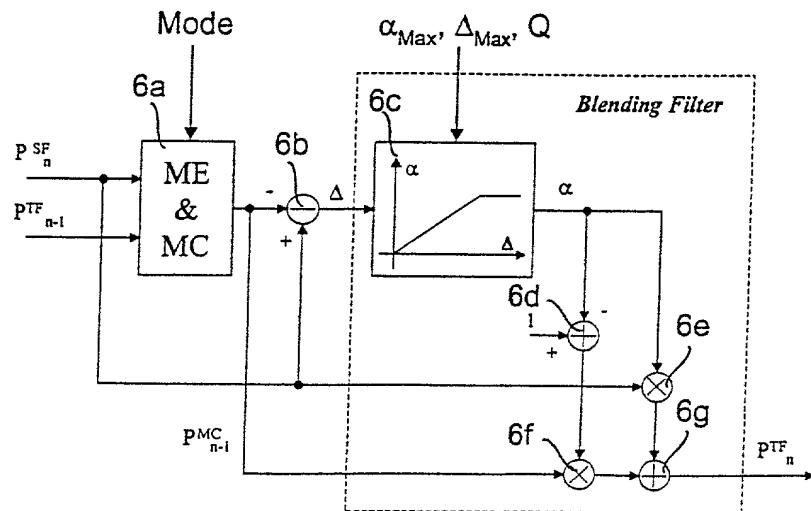


Fig. 8

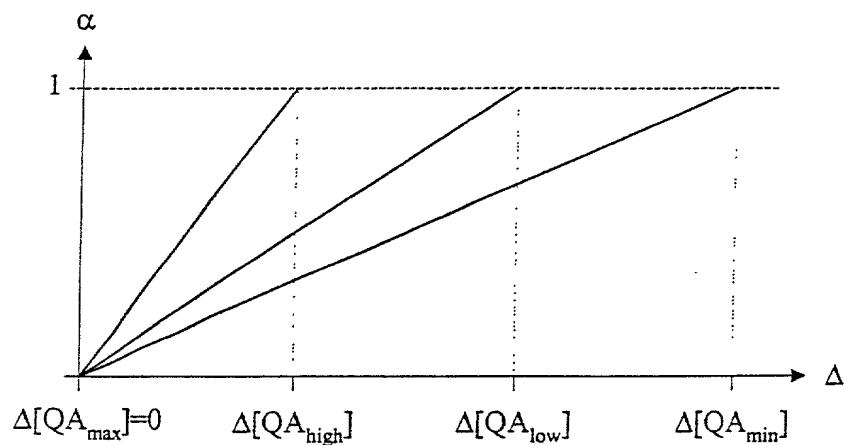


Fig. 9